

ZOOLOGY, PROJECT REPORT ON PAPER ZC101P, 2020, 1st Semester

Program Name	Program Code	Name of the Course that includes experimental learning through project work/field work/internships	Course Code	Year of Offering	Name of the Student studied course on experimental learning through project work/field work/internships	Marks	Title of the project
B.Sc. Zoology (Honours)	1st Sem CBCS (H)	Project work	Core Course I (CBCS)	2019	Kistina Neog	4	Study of the Disease Diarrhea in Human in the Special reference of Sivasagar District
B.Sc. Zoology (Honours)	1st Sem CBCS (H)	Project work	Core Course I (CBCS)	2019	Bitupan Gogoi	4	'Project Report on Study of Malaria in Bokota MPHC and Amguri CHC'
B.Sc. Zoology (Honours)	1st Sem CBCS (H)	Project work	Core Course I (CBCS)	2019	Bhargove Teli	4	'Project Report on Study of Malaria in Bokota MPHC and Amguri CHC'
B.Sc. Zoology (Honours)	1st Sem CBCS (H)	Project work	Core Course I (CBCS)	2019	Ushmita Saikia	3	'Project Report on Study of Malaria in Bokota MPHC and Amguri CHC'
B.Sc. Zoology (Honours)	1st Sem CBCS (H)	Project work	Core Course I (CBCS)	2019	Mriganku Baruah	4	Study of the Disease Diarrhea in Human in the Special reference

							of Sivasagar District
B.Sc. Zoology (Honours)	1st Sem CBCS (H)	Project work	Core Course I (CBCS)	2019	Arpita Das	3	Project Report on 'Malaria-The King of Disease'
B.Sc. Zoology (Honours)	1st Sem CBCS (H)	Project work	Core Course I (CBCS)	2019	Debajeet Konwar	3	Project Report on Study of Malaria in Bokota MPHC and Amguri CHC'
B.Sc. Zoology (Honours)	1st Sem CBCS (H)	Project work	Core Course I (CBCS)	2019	Himanshu Jyoti Hazarika	3	Project Report on 'Malaria-The King of Disease'
B.Sc. Zoology (Honours)	1st Sem CBCS (H)	Project work	Core Course I (CBCS)	2019	Kaushik Deka	3	Project Report on 'Malaria-The King of Disease'
B.Sc. Zoology (Honours)	1st Sem CBCS (H)	Project work	Core Course I (CBCS)	2019	Ankur Jyoti Nath	3	'Project Report on Study of Malaria in Bokota MPHC and Amguri CHC'
B.Sc. Zoology (Honours)	1st Sem CBCS (H)	Project work	Core Course I (CBCS)	2019	Ritupan Baruah	4	'Project Report on Study of Malaria in Bokota MPHC and Amguri CHC'
B.Sc. Zoology (Honours)	1st Sem CBCS (H)	Project work	Core Course I (CBCS)	2019	Runa Mohan	3	Survey report on the Disease Tuberculosis
B.Sc. Zoology (Honours)	1st Sem CBCS (H)	Project work	Core Course I (CBCS)	2019	Supriya Sahani	3	Survey report on the Disease Tuberculosis

B.Sc. Zoology (Honours)	1st Sem CBCS (H)	Project work	Core Course I (CBCS)	2019	Puja Dutta	4	Study of the Disease Diarrhea in Human in the Special reference of Sivasagar District
B.Sc. Zoology (Honours)	1st Sem CBCS (H)	Project work	Core Course I (CBCS)	2019	Mayuree Sonowal	3	Project Report on Study of Malaria in Bokota MPHC and Amguri CHC'
B.Sc. Zoology (Honours)	1st Sem CBCS (H)	Project work	Core Course I (CBCS)	2019	Puja Konwar	5	Study of the Disease Diarrhea in Human in the Special reference of Sivasagar District
B.Sc. Zoology (Honours)	1st Sem CBCS (H)	Project work	Core Course I (CBCS)	2019	Aparajita Konwar	5	Study of the Disease Diarrhea in Human in the Special reference of Sivasagar District
B.Sc. Zoology (Honours)	1st Sem CBCS (H)	Project work	Core Course I (CBCS)	2019	Chimrani Chetia	3	Project Report on 'Malaria-The King of Disease'
B.Sc. Zoology (Honours)	1st Sem CBCS (H)	Project work	Core Course I (CBCS)	2019	Himashree Gogoi	3	Project Report on 'Malaria-The King of Disease'

Course Code: ZC101P
NON-CHORDATES I: PROTISTS TO PSEUDOCOELOMATES

PRACTICALS

(Credits 2)

1. Study of whole mount of *Euglena*, *Amoeba* and *Paramecium*, Binary fission and Conjugation in *Paramecium*
2. Examination of pond water collected from different places for diversity in Animal protista (Protozoa)
3. Study of *Sycon* (T.S. and L.S.), *Hyalonema*, *Euplectella*, *Spongilla*
4. Identification of museum specimen: *Obelia*, *Physalia*, *Millepora*, *Aurelia*, *Tubipora*, *Corallium*, *Alcyonium*, *Gorgonia*, *Metridium*, *Pennatula*, *Fungia*, *Meandrina*, *Madrepora* and One specimen/slide of any ctenophore
5. Study of adult *Fasciola hepatica*, *Taenia solium* and their life cycles (Slides/micro-photographs)
6. Study of adult *Ascaris lumbricoides* and its life stages (Slides/micro-photographs)
7. To submit a Project Report on any related topic based on theory syllabus.

Note: Classification to be followed from -Ruppert and Barnes (2006) *Invertebrate Zoology*, 8th edition, Holt Saunders International Edition]

SUGGESTED READINGS

- Ruppert and Barnes, R.D. (2006). *Invertebrate Zoology*, VIII Edition. Holt Saunders International Edition.
- Barnes, R.S.K., Calow, P., Olive, P.J.W., Golding, D.W. and Spicer, J.I. (2002). *The Invertebrates: A New Synthesis*, III Edition, Blackwell Science
- Barrington, E.J.W. (1979). *Invertebrate Structure and Functions*. II Edition, E.L.B.S. and Nelson

CERTIFICATE

This is to certify that **Kristina Neog** and her coworker **Himashree Gogoi** the student of B.Sc. Zoology Department of Gargaon College has carried out this project work entitled "**STUDY OF THE DISEASE DIARRHEA IN HUMAN IN THE SPECIAL REFERANCE OF SIVASAGAR DISTRICT**" under my guidance and supervisions. It is undertaken as a part of practical syllabus prescribed by Dibrugarh University.



Dr. Rina Handique
Head of Department
Zoology Department
Gargaon College

*Examined
By
26/12*

CERTIFICATE

This is to certify that , **Bhargove Teli**, a Student of B.Sc 1st Semester, Department of Zoology, **GARGAON COLLEGE** has completed the project titled "**Malaria**" during the academic year 2019 towards partial fulfillment of credit for the Zoology practical evaluation of final Examination 2019.

Further, it is also certified that the project has not been submitted for any other purposes elsewhere.

Teacher in Charge

Date: 23/12/19


Head of the Department

*Examined
At
24.12*

CERTIFICATE

This is to certify that, **Bitupon Gogoi**, a Student of B.Sc 1st semester, Department of Zoology; Gargaon College has completed the project titled "**Malaria**" during the academic year 2019 towards partial fulfillment of credit for the Zoology practical evaluation of final Examination 2019.

Further, it is also certified that the project has not been submitted for any other purposes elsewhere.

Teacher in charge


Head of the Department

Date: / /2019

*Examined
24/11*

CERTIFICATE

This is to certify that, **Usmita Saikia** a student of B.Sc. 1st semester, Department of **Zoology**, Gargaon College has completed the project titled "**Malaria**" during the academic year 2019 towards partial fulfillment of credit for the Zoology practical evaluation of final Examination 2019.

Further, it is also certified that the project has not been submitted for any other purposes elsewhere.

Teacher in Charge

Head of the Department

Date :

Examined
Amun
26.12

CERTIFICATE

This is to certify that Mriganku Baruah and his coworkers Aparajita Konwar, Pranjyoti Taye and Puja Dutta the student of B.Sc, Zoology department of Gargaon College has carried out this project work entitled "**STUDY OF THE DISEASE DIARRHEA IN HUMAN IN THE SPECIAL REFERENCE OF SIVASAGAR DISTRICT**" under my guidance and supervisions. It is undertaken as a part of practical syllabus prescribed by Dibrugarh University.

Dr Rina Handique
Head of Department.
Zoology Department.
Gargaon College.

*Examined
Rina
24/12*

CERTIFICATE

This is to certify that, Arpita Das, a Student of BSc 1st semester, Department Of Zoology; Gargaon College has completed the project titled "Malaria: The king of diseases" during the academic year 2019 towards partial fulfillment of credit for the Zoology practical evaluation of Final Examination 2019.

Further, it is also certified that the project has not been submitted for any other purposes elsewhere.

Teacher in charge


Head of the Department

Date: / /2019

Examined

24/12


CERTIFICATE

This is to certify that, **Debajeet Konwar** a student of B.Sc. 1st semester, Department of **Zoology**, Gargaon College has completed the project titled "**Malaria**" during the academic year 2019 towards partial fulfillment of credit for the Zoology practical evaluation of final Examination 2019.

Further, it is also certified that the project has not been submitted for any other purposes elsewhere.

Teacher in Charge

?


Head of the Department

Date :

Examined
Amun
24.12

CERTIFICATE

This is to certify that, Himangshu Jyoti Hazarika, a Student of BSc 1st semester, Department Of Zoology; Gargaon College has completed the project titled "Malaria: The king of diseases" during the academic year 2019 towards partial fulfillment of credit for the Zoology practical evaluation of Final Examination 2019.

Further, it is also certified that the project has not been submitted for any other purposes elsewhere.

Teacher in charge


Head of the Department

Date: / /2019

Examined
Anam
24-12

CERTIFICATE

This is to certify that, Kaushik Deka, a Student of BSc 1st semester, Department Of Zoology; Gargaon College has completed the project titled "Malaria: The king of diseases" during the academic year 2019 towards partial fulfillment of credit for the Zoology practical evaluation of Final Examination 2019.

Further, it is also certified that the project has not been submitted for any other purposes elsewhere.



Teacher in charge



Head of the Department

Date: 23/12/2019

*Examined
24/12*

CERTIFICATE

This is to certify that, Ankur Jyoti Nath, a Student of BSc 1st semester, Department Of Zoology; Gargaon College has completed the project titled "Malaria: The king of diseases" during the academic year 2019 towards partial fulfillment of credit for the Zoology practical evaluation of Final Examination 2019.

Further, it is also certified that the project has not been submitted for any other purposes elsewhere.

+Prasad
29.11.19
Teacher in charge

Damani
27/11/19
Head of the Department

Date: / /2019

Examined
Damani
24.12.

CERTIFICATE

This is to certify that, Ritupon Boruah, a Student of BSc 1st semester, Department Of Zoology; Gargaon College has completed the project titled "Malaria: The king of diseases" during the academic year 2019 towards partial fulfillment of credit for the Zoology practical evaluation of Final Examination 2019.

Further, it is also certified that the project has not been submitted for any other purposes elsewhere.

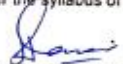
Ritupon Boruah
25.11.19
Teacher in charge

Rani
Head of the Department

Date: / /2019

CERTIFICATE

This is to certify that RUNA MOHAN of ZOOLOGY 1st semester at GARGAON College, SIMALUGURI, has completed the survey report of ZOOLOGY on the disease TUBERCULOSIS under the syllabus of CBCS.


Dr. Rina Handique
Head of Department
Zoology Department
Gargaon College

Examined
Ami
20/11

CERTIFICATE

This is to certify that **SUPRIYA SAHANI**
of **Zoology 1st semester** at **GORGAON**
COLLEGE, SIMALUGURI, has
completed the survey report of **ZOOLOGY**
on the disease **Tuberculosis** under the
syllabus of **CBCS**.

Approved
22.11.12

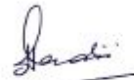
Signature of
Teacher In-charge

Examined
Abhina
24/11

Done
Signature of
HOD.

CERTIFICATE

This is to certify that Puja Dutta and her coworkers Aparajita Konwar, Pranjyoti Taye and Mriganku Baruah the student of B.Sc, Zoology department of Gargaon College has carried out this project work entitled "**STUDY OF THE DISEASE DIARRHEA IN HUMAN IN THE SPECIAL REFERENCE OF SIVASAGAR DISTRICT**" under my guidance and supervisions. It is undertaken as a part of practical syllabus prescribed by Dibrugarh University.



Dr Rina Handique
Head of Department.
Zoology Department.
Gargaon College.

*Examined
24/12*

CERTIFICATE

This is to certify that, **Mayuree Sonowal** a student of B.Sc. 1st semester, Department of **Zoology**, Gargaon College has completed the project titled "**Malaria**" during the academic year 2019 towards partial fulfillment of credit for the Zoology practical evaluation of final Examination 2019.

Further, it is also certified that the project has not been submitted for any other purposes elsewhere.

Teacher in Charge

Date :


Head of the Department

*Examined
24.12*